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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

25X1

COUNTRY Germany (Russian Zone)

DATE DISTR. 26 March 1951

SUBJECT Penicillin Production of the
Jenapharm Plant

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THIS IS UNEVALUATED INFORMATION

1. The Jenapharm Plant in Jena (M 51/J 66), a VVB firm, is the largest penicillin producer in the Soviet Zone of Germany. The plant is equipped with two boilers of 3,000 liters each, two boilers of 10,000 liters each and three boilers of 15,000 liters each. The three largest boilers have been in operation only since October 1950. The 3,000 and 10,000-liter boilers are made of duraluminum, the 15,000-liter boilers of cast iron or forged iron. The plant also has air blowers with a capacity of 100 liters and three blowers with a capacity of 30 liters each, (sic). All blowers were manufactured by the Mako SAG Plant in Erfurt (M 51/J 36). * Power is supplied to the Jenapharm plant directly from the hydro-electric power station of the Saale River and transformed in the plant-owned transformer station. ** Thus, the plant is completely independent of the Jena network.
2. The average monthly production at the Jenapharm plant is 60 million units of penicillin. The penicillin production is done according to the Submers-Process. The Jenapharm Plant's greatest problem in its penicillin production lies in the sterilization of the boilers. There is also a great danger of injecting unsterilized air during the manufacturing process. Sabotage acts are therefore comparatively easy to carry out and are difficult to uncover, and they result in lasting damages, because unsterilized boilers have to be laid up for many months. The present state of research at the plant is not known. To date, no information is available regarding the results of current tests of mixing penicillin with streptomycin.
3. The Jenapharm Plant does not accumulate any stockpiles of penicillin. The entire production is dispatched immediately. 50 to 70 per- 25X1 cent of the production is delivered to the Soviet authorities. Professor Dr. Gulecke, (Inu), a surgeon by profession, is allegedly assigned the job of distributing the penicillin allocated to Land Thuringia. The penicillin is shipped either as penicillin powder for injections or as penicillin ointment. The powder is shipped either in rubber flasks with screw caps containing 200,000 units or in powder packages of 10,000 units each; the penicillin ointment goes in 5-gram tubes of 10,000 units each. *** The production of penicillin tablets is planned. Penicillin is not produced as a solution, as this is said to deteriorate more rapidly.

* [] The Mako Machine Factory is not in Erfurt, but in Rudisleben, Kreis Arnstadt (M 51/J 25). This plant became Soviet property in the middle of

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1946 and was at first assigned to the SAG Podyornik. After the dissolution of the SAG Podyornik early in 1950, the Leko Plant was incorporated into the SAG Transmash.

25X1 *** [redacted] The hydro-electric power plant on the Sasle River comprises the Hohenwarte Hydro-electric Power Plant with an installed capacity of 7,500 kw and the Bleiloch Hydro-electric Power Plant with an installed capacity of 40,000 kw.

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*** [redacted] delivered penicillin calcium salt in the following containers: ampules containing 500 units each, ampules containing 1,000 units each, flasks containing 5,000 units each, flasks containing 200,000 units each and flasks containing 500,000 units each.

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